

FIXED PITCH SEPARATING DEVICE OF ELEMENT

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Abstract

PURPOSE: To separate elements at a high speed in a fixed pitch separating device of the elements which are provided by a feeder, by holding elements to be fed by a holding means, simultaneously sucking them with vacuum adsorbing pincettes arranged at prescribed pitches and preventing rising of elements other than the sucked ones.

CONSTITUTION: A prescribed amount of elements 1 which are continuously provided from a part feeder 2 are held in a groove 4 of a holding means 3. When the holding means 3 is filled fully, a separating means 5 lowers to vacuum-suck the elements 1 with pincettes 7 arranged at prescribed intervals. At this time, the elements 1 which are not sucked by a rise preventing means 11 are pressed to be stopped inside the groove 4. Next, the separating means 5 is raised to be transferred to an inspecting part 9. It is thus possible to separate the elements at a high speed.

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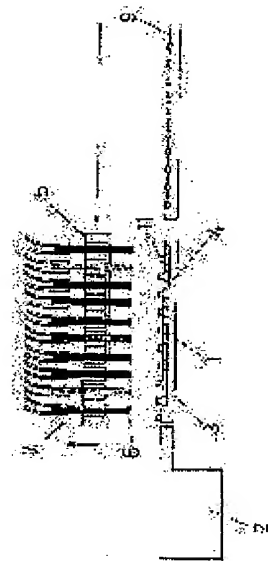
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